## EAST Search History

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"5625410" .pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 11:05
L2	0	(invok\$2 or halt\$3) with simultanous\$3 same display with audio with video \$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 11:11
L3	2	(invok\$2 or halt\$3) with simultaneous\$3 same display with audio with video \$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 11:12
L4	6	(invok\$2 or halt\$3) same simultaneous\$3 same display with audio with video \$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 11:12
L6	23968	command with ((identification near4 data) or "ID")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 11:20
.7	13256	audio and video with digital with stream	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 11:20

L8 L9	293	L7 and L6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 11:20
L9	2	L8 and ((invok\$2 or halt\$3) same simultaneous\$3 same display\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 11:20
L11	119	(invok\$3 or mute) same simultaneous same display\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 11:33
L13	1	1 and control\$4 and simultaneous\$3 and command and configur\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 13:14
L14	1	13 and audio and video	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 13:14
S1	2	"20050108778"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 13:07
S2	2	"6035037" .pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 13:12
33	1	"non-composite" with digital with transport\$3	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 13:24

S4	1	"non-composite" with digital with transport\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 13:14
\$5	8789	stone .in.	US-PGPUB; USPAT; EPO; UPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 13:14
S6	92	S5 and invoke	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 13:14
\$7	1096655	audio or video or "AV"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 17:56
S8	56	(S6 and S7	US-PGPUB; USPAT; EPO; UPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 13:23
S9	8816	audio and video with digital with stream	US-PGPUB; USPAT; EPO; UPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 13:24
S10	857	"non-composite"	US-PGPUB; USPAT; EPO; JPO; DERWENT; JBM_TDB	OR	ON	2007/04/10 13:24
S11	2	S9 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 13:49

S12	7	(invok\$3 or mute) same simultaneous same (plurality or multiple) same ("AV" or audio or video) same display\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 14:34
S13	45	["4509210"   "4599647"   "4685131"   "4694491"   "4739510"   "4803725"   "4816653"   "4816654"   "4829569"   "4841133"   "486614"   "4866770"   "4882474"   "4887296"   "4890319"   "4890321"   "4905280"   "4908834"   "4937866"   "4993066"   "5029207"   "5034597"   "5036537"   "5060079"   "5111504"   "51143441"   "5120939"   "5144664"   "5149945"   "5161187"   "5204512"   "52224161"   "5237610"   "5267312"   "5272751"   "5282249"   "5339402"   "5389738"   "5410599"   "5426701"   "5461675"   "5698837"   "5736728"   "5736728"   "5753902").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 14:19
S14	27929	(plurality or multiple) same video same audio	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 14:20
S15	3499	(transport with stream) and S14	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 14:20
S16	86	(invok\$3 or mute) same simultaneous same display\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 14:25
S17	2	S15 and S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 14:23
S18	3423	S15 and control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 14:24
S19	2676	\$18 and (augment\$3 or add\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 14:25

S20	480	(invok\$3 or mute or stop) same simultaneous same display\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 14:26
\$21	5	\$19 and \$20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 14:29
S22	20895	video and audio with broadcast\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 14:30
S23	10457	РМТ	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 14:30
S24	730	\$22 and \$23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 14:31
\$25	1	S20 and S24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 14:33
S26	940	(encod\$3 or compress\$3) same (plurality or multiple or plural) same ("audio/video" or "AV")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 14:58
\$27	195	(simultaneous\$3 same display\$3) and \$26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 15:00

\$28	67	\$27 and (invoke or mute)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 14:36
\$29	131352	(plurality or multiple or plural) same video\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 14:59
S30	70546	(plurality or multiple or plural) same audio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 14:59
331	33874	(\$29 and \$30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 15:00
S32	826	\$26 and \$31	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 15:00
S33	188	(simultaneous\$3 same display\$3) and S32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 15:46
S34	2	(audio/video or audio/visual) with source same tuner same control\$4 same ("PIP" or (picture\$1in\$1picture))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 15:56
\$35	1	(invoke or stop or avoid\$3) same simultaneous with display\$3 with ("AV" or audio/visual)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 15:57

S36	1	(invoke or stop or avoid\$3) same simultaneous with display\$3 with ("AV" or audio/visual)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 15:59
S37	20	(invoke or stop or avoid\$3) same display\$3 same ("AV" or (audio/video)) same simultaneous\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 16:08
S38	19194	(picture\$1in\$1picture) or (picture-in-picture) or "PIP"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 12:27
S39	758	S22 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 16:10
S40	478	S39 and tuner	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 16:11
S41	15033	stream with encoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 16:11
S42	62	S40 and S41	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 16:30
S43	10621	"PMT" or "program map table"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 16:30

S44	9	S42 and S43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 16:30
\$45	22	(US-20050259751-\$ or US-20050108778-\$ or US-20050025465-\$ or US-20050195823-\$ or US-20050086706-\$ or US-20010033343-\$ or US-20020023267-\$ or US-20040158851-\$), did. or (US-5742680-\$ or US-5736728-\$ or US-5237610-\$ or US-5113441-\$ or US-5029207-\$ or US-7111319-\$ or US-5877821-\$ or US-5815634-\$ or US-6985530-\$ or US-6097441-\$ or US-6233389-\$ or US-6373527-\$ or US-6481012-\$ or US-7030930-\$), did.	US-PGPUB; USPAT	OR	ON	2007/04/10 16:59
546	12	\$45 and \$38	US-PGPUB; USPAT	OR	ON	2007/04/10 16:59
S47	10	S46 and ((user or client or operator or viewer\$1) with control\$4)	US-PGPUB; USPAT	OR	ON	2007/04/10 17:20
S48	8	\$47 and command\$1	US-PGPUB; USPAT	OR	ON	2007/04/10 17:11
S49	60	(generat\$3 or produc\$3) same transport with stream with ("AV" or audio/video) with (programs or channels)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 17:16
350	3	S38 and S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 17:18
S51	293535	(encod\$3 or compress\$3) same ("A'V" or audio/video or programs or channels)	US-PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 17:20

S52	2027	\$38 and \$51	US-PGPUB; USPAT; USCCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/10 17:20
353	1230	\$52 and ((user or client or operator or viewer\$1) with control\$4)	US-PGPUB; USPAT	OR	ON	2007/04/10 17:21
\$54	1102	\$53 and transmi\$6	US-PGPUB; USPAT	OR	ON	2007/04/10 17:49
S55	1012	\$54 and (multiplex or "MUX" or combin\$5)	US-PGPUB; USPAT	OR	ON	2007/04/10 17:23
S56	56	S55 and S43	US-PGPUB; USPAT	OR	ON	2007/04/10 17:23
S57	26	S56 and IEEE	US-PGPUB; USPAT	OR	ON	2007/04/10 17:49
S58	1663	user with control\$4 with ((picture\$1in\$1picture) or (picture-in-picture) or "PIP" or "POP")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 12:27
S59	207	control with packet with (audio/video)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 17:11
\$60	89	\$59 and simultaneous\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 17:11
S61	53	control near4 information\$1 same disposed same control near4 packets	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 17:55

S62	1096655	audio or video or "AV"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 17:56
 363	24	S62 and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 17:57
S64	2	S63 and simult\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 17:57
S65	17207	command with ((identification near4 data) or "ID")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 17:13
S66	8838	audio and video with digital with stream	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 17:13
367	204	S66 and S85	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 17:14
S68	53	S67 and ("PIP" or "POP")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/15 17:15
369	22350	((348/564,565,567,568,588,598,724,469,705,723,743) or (382/240,232) or (386/125,126,111,112,46,68,96,83) or (375/240,26,240,24,240,16,240,12,240,1)).cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:26

S70	8790	stone .in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:26
S71	92	S70 and invoke	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:26
S72	1	S71 and S69	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:26
S73	19220	(picture\$1in\$1picture) or (picture-in-picture) or "PIP"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:27
S74	10639	"PMT" or "program map table"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:27
S75	293825	(encod\$3 or compress\$3) same ("A/V" or audio/video or programs or ichannels)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:27
S76	2031	S73 and S75	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:27
S77	1231	S76 and ((user or client or operator or viewer\$1) with control\$4)	US-PGPUB; USPAT	OR	ON	2007/04/16 11:27
S78	1102	\$77 and transmi\$6	US-PGPUB; USPAT	OR	ON	2007/04/16 11:27

S79	1012	S78 and (multiplex or "MUX" or combin\$5)	US-PGPUB; USPAT	OR	ON	2007/04/16 11:27
380	56	S79 and S74	US-PGPUB; USPAT	OR	ON	2007/04/16 11:27
381	26	S80 and IEEE	US-PGPUB; USPAT	OR	ON	2007/04/16 11:27
382	2	S81 and S69	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:28
383	2	"5847771" .pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 14:13
384	940	(augment\$3 or combin\$4) with control with transport	US-PCPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 14:33
<b>3</b> 85	99	(invok\$3 or mute) same simultaneous same display\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 14:34
386	2	S85 and S84	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 14:34
387	571	\$84 and (invoke or mute or stop or avoid\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 14:36
388	52	\$87 and (simultaneou\$3 same display\$3)	US-PCPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 14:36

S89	26821	audio with video with stream	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:03
S90	73737	tuner	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:03
S91	1422	S39 same S90	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:03
392	1334	S91 and control\$4	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:04
393	1169	S92 and display\$3	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:05
394	5217898	transmi\$6 or transport\$3	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:06
395	1118	S93 and S94	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:06
396	97141	control with packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:07

S97	270	S95 and S96	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:07
S98	145	S97 and identification	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 14:58
S99	147621	(invok\$3 or mute)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 15:02
S100	561	(invok\$3 or mute or stop) same simultaneous same display\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 15:03
S101	0	S100 and S97	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 15:03
S102	147915	simultaneous\$3 same display\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 15:04
S103	69	S102 and S97	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 15:04
S104	1744424	(invok\$3 or mute or stop)	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 15:04

S105	52	S103 and S104	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 15:04
S106	46	S98 and S102	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 15:17
S107	2	*5586264* .pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 15:33
S108	26215	((348/564,565,567,568,588,598,724,469,705,723,743) or (382/240,232) or (386/125,126,111,112,46,68,96,83) or (375/240,26,240,24,240.16,240.12,240.1)).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:12
S109	1747432	(invok\$3 or mute or stop)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:12
S110	6135	S109 and S108	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:12
S111	148231	simultaneous\$3 same display\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:12
S112	1019	S110 and S111	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:13

S113	561	(invok\$3 or mute or stop) same simultaneous same display\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:13
S114	15	S113 and S112	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:13
S115	9897	(STONDAL STONDARDS STONDING STONDON-STONDON-MASSEY-NEAR-BRENTWOOD STONE STONEA STONEACRE STONEADVISE STONEADVISE PRODUCTS-NORTH-AME STONEADVISE-PROD-NORTH-AMERICA-INC), IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:21
S116	2	S113 AND S115	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:22

## EAST Search History (Interference)

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## 9/21/09 2:59:16 PM

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